Dehumidifier Recusorb

RLZ-81, 82, 101, 102 ICE

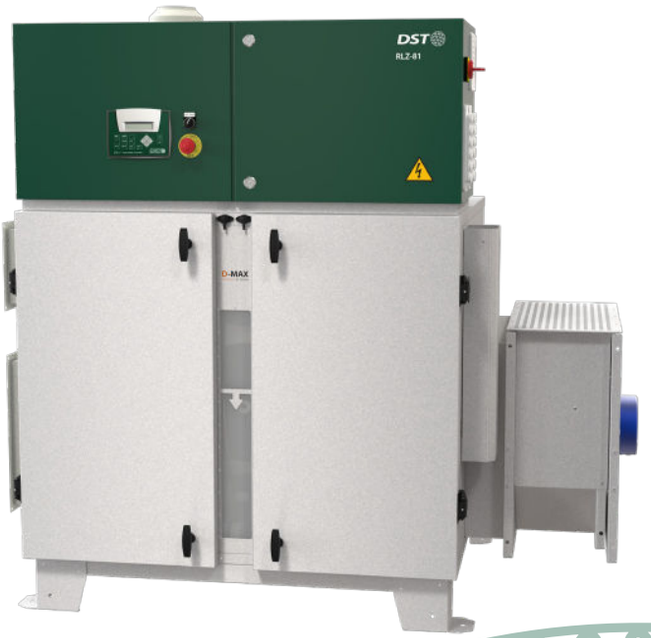
Dehumidifying capacity at 20°C / 60%RH

20 - 54 kg/h

Dry air flow

4500 - 12000 m³/h

- Washable rotor
- No desiccant carry-over
- EC-motor or VSD for both process and regen fan
- Built-in heat recovery
- Very good capacity in dry or/and cold environments
- Long lifetime
- Options:
  - Steam or gas regen heater
  - Pre- and post-treatment modules
  - Touchscreen with flowchart showing actual airflows and coil outputs
  - Communication with Modbus, Profibus or Bacnet
  - Insulated inlets
  - Stainless steel chassis



Section of a dehumidifier rotor from Seibu Giken. The high number of channels means that moisture is adsorbed with extra efficiency.

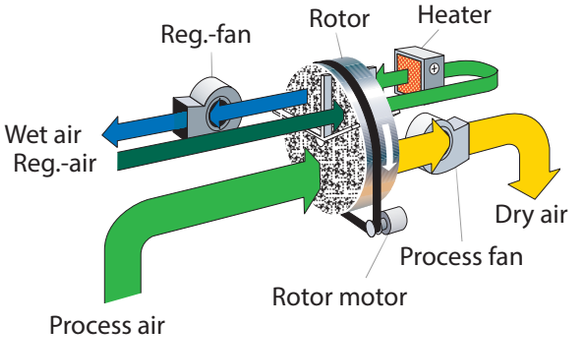
World leaders in dehumidification.

TECHNICAL DATA

Dehumidifier model ICE	RLZ-81	RLZ-82	RLZ-101	RLZ-102
Nominal capacity[1] (kg/h)	20	27	34	54
Dry air flow[2] (m^3/h)	4500	6000	9000	12000
Static pressure at disposal (Pa)	300	300	300	300
Wet air flow[2] (m^3/h)	750	1000	1300	2100
Static pressure at disposal (Pa)	200	200	200	200
Heater power[3] (kW)	24	30	40	63
Maximum electric consumption (kW)	27,6	35,4	46,3	72,7
Supply fuse 3 x 400V / 50Hz (A)	50	63	80	125
Weight (kg)	307	345	415	568

1. Valid for inlet conditions 20°C/60%RH.
2. Volume flow for density 1.20 kg/m^3.
3. Available with electric heater, steam heater or gas heater.

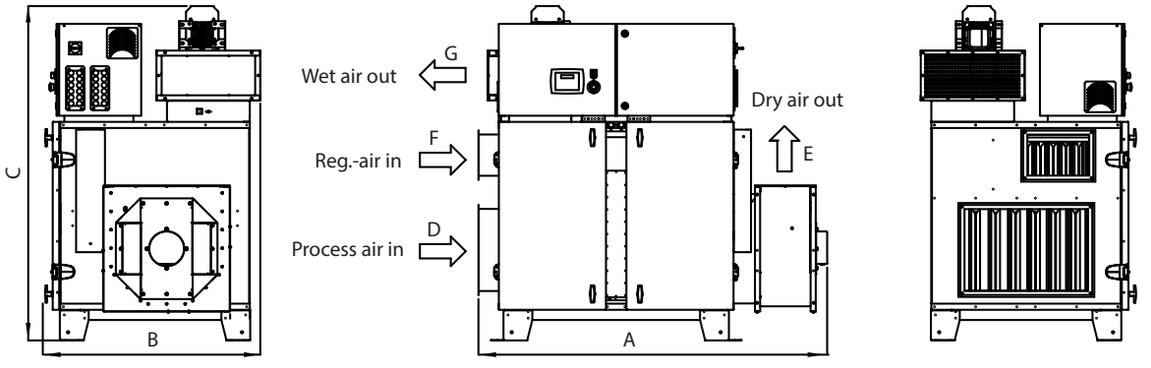
PRINCIPLE / DIMENSIONS



Dimensions RLZ ICE [mm]				
	RLZ-81	RLZ-82	RLZ-101	RLZ-102
A	1692	1855	1770	2246
B	1043	1043	1292	1292
C	1637	1658	1932	1983
D	400 x 600	400 x 600	500 x 1000	500 x 1000
E	245 x 560	280 x 640	306 x 720	356 x 800
F	200 x 300	200 x 300	300 x 400	300 x 400
G	194 x 450	194 x 450	194 x 450	194 x 450

DRAWING

Subject to change without notice. Download installation drawing at www.dst-sg.com



Updated 19.04

Sweden | +46 8 445 77 20
info@dst-sg.com | www.dst-sg.com

United Kingdom | +44 1422 312562
enquiries@dsthumiditycontrol.co.uk
www.dsthumiditycontrol.co.uk